ER002857374US

IAP6 Rec'd PCT/PT0 19 MAY 2005 Approved for use through 3/31/2007. OMB 0651-0021 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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	RANSMITTAL LETTER TO THE	ATTORNEY'S DOCKET NUMBER APL -03-04-U.S					
DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371			U.S. APPLICATION NO (If known, see 27 CFR 1.5)				
	ATIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED				
TITLE OF	INVENTION	22 NOVEMBER 2004	20 NOVEMBER 2003				
PPLICANT(S) FOR DO/EO/USA							
BRUNHAM et al							
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:							
1. 🔼	This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.						
2. 🔲 -	This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.						
3. 🔲 -	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.						
4. 🔀	4. X The US has been elected (Article 31).						
5.	A copy of the International Application as	filed (35 U.S.C. 371(c)(2))					
	a. X is attached hereto (required only if not communicated by the International Bureau).						
	b. has been communicated by the International Bureau.						
	c. is not required, as the application was filed in the United States Receiving Office (RO/US).						
6.	An English language translation of the Int	ernational Application as filed (35 U.S.C	C. 371(c)(2)).				
	a. is attached hereto.						
_	b. has been previously submitted under 35 U.S.C. 154(d)(4).						
7.	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))						
	a. are attached hereto (required only if not communicated by the International Bureau).						
	b. have been communicated by the International Bureau.						
	c. have not been made; however, the time limit for making such amendments has NOT expired.						
	d. have not been made and will not be made.						
8.	An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).						
9.	An oath or declaration of the inventor(s) (An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).					
10.	An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).						
Items	s 11 to 20 below concern document(s) or	information included:					
11. 🔲	An Information Disclosure Statement under 37 CFR 1.97 and 1.98.						
12.	An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.						
13. 🔲	A preliminary amendment.						
14.	An Application Data Sheet under 37 CFR 1.76.						
15.	A substitute specification.						
16. 🔲	A power of attorney and/or change of address letter.						
17.	A computer-readable form of the sequence	A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.					
18.	A second copy of the published International Application under 35 U.S.C. 154(d)(4).						
19.	A second copy of the English language tr	anslation of the international application	under 35 U.S.C. 154(d)(4).				
			i				

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. Page 1 of 3

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U.S. APPLICATION T	ON NOT IT KNOWN, see 27 CFR 1	PCT/CAZOO		APL-03-0			
20. Other items or information:							
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The following fees have been submitted 21. Saic national fee (37 CFR 1.492(a))			\$ 5	PTO USE ONLY			
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~	nation fee (37 CFR 1.492(c))	4					
by IPEA/U	on prepared by ISA/US or the in IS indicates all claims satisfy press	\$ 200					
23. 🛭 Searc	23. Search fee (37 CFR 1.492(b))						
If the written opinion IPEA/US i	on of the ISA/US or the Internal ndicates all claims satisfy provi	ional preliminary examination re sions of PCT Article 33(1)-(4)	eport prepared by				
Search fee (37 CF	R 1.445(a)(2)) has been paid o	n the international application to	the USPTO as an	\$ 500			
International Search	ch Report prepared by an ISA of	other than the US and provided t	to the Office or	300			
All other situations	communicated to the US by the	e IB	\$400 \$500				
	OTAL OF 21, 22 and 23 =		1000				
Additional fee	for specification and drawings	filed in paper over 100 sheets (e FR 1.821(c) or (e) or computer p	excluding	700			
electronic	medium) (37 CFR 1.492(j)).						
The fee is	\$250 for each additional 50 she	eets of paper or fraction thereof.	Т				
Total Sheets	Total Sheets Extra Sheets Number of each additional 50 or fraction thereof (round up to a whole number)			A			
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CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$			
Total claims	38 - 20 =	7.0	× \$ 50	\$ 900	ļ		
Independent claim			× \$200	\$ 1800	<u> </u>		
MULTIPLE DEPE	NDENT CLAIM(S) (if applicable	+ \$360	\$ <i>O</i>				
Applicant clair	ns small entity status. See 37 (\$ 3830					
Applicant dali	- Strial entity status. See 57 t						
Processing fee of	\$130.00 for furnishing the Engl	\$ 32830	1				
	te (37 CFR 1.492(i)).	* <i>O</i>					
		\$					
	the enclosed assignment (37 C cover sheet (37 CFR 3.28, 3.3	\$ O					
		\$ 3830					
		Amount to be refunded:	\$				
				Amount to be charged	\$		

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a. 🗌 b. 🔀	A check in the amount of \$ to cover the above Please charge my Deposit Account No. 500715 in the amount of \$ A duplicate copy of this sheet is enclosed.	e fees is enclosed. 3830 to cover the above fees.				
c. 🔀	The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 500715. A duplicate copy of this sheet is enclosed.					
d. 🗀	Fees are to be charged to a credit card. WARNING : Information on this form may become public. Credit card information should not be included on this form . Provide credit card information and authorization on PTO-2038.					
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.						
SEND ALL CORRESPONDENCE TO: Patrick J Halloran, Ph.D., J.D. 3141 Muirfield Rd Center Valley PA 18034		SIGNATURE Patrick J Hallbran NAME 41, 053 REGISTRATION NUMBER				